

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"20030048203" "6208256".pn.	US-PGPUB	OR	OFF	2008/04/03 15:50
L2	2	"20030048203" "6208256".pn.	US-PGPUB; USPAT	OR	OFF	2008/04/03 15:51
L3	166	hop\$4 near sequence near (number id)	US-PGPUB; USPAT	OR	OFF	2008/04/03 16:04
L4	36	3 and beacon	US-PGPUB; USPAT	OR	OFF	2008/04/03 16:05
L5	36	4 and number	US-PGPUB; USPAT	OR	OFF	2008/04/03 16:11
L6	7	("20020097703"   "5239678"   "5425049"   "6023460"   "6070070"   "6137787"   "6473412").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/03 16:15
L7	21	("20020018448"   "20020035404"   "20020071395"   "20020163933"   "20020191573"   "20030128690"   "20040196822"   "5541912"   "5649119"   "5850592"   "6000011"   "6067301"   "6094435"   "6134422"   "6218931"   "6272567"   "6456599"   "6721273"   "6766143"   "6865169"   "6977895").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/03 16:18
L8	10	("4718002"   "5093824"   "5243592"   "5574860"   "5850592"   "5881246"   "5913921"   "5949760"   "6130881"   "6134442").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/03 16:21
L9	6	("4799215"   "5142531"   "5488608"   "5721820"   "5802316"   "5805593").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/03 16:22
L10	31	("5802316").URPN.	USPAT	OR	OFF	2008/04/03 16:24
L11	48	("5488608").URPN.	USPAT	OR	OFF	2008/04/03 16:33
L12	12	("4742511"   "4905233"   "4987536"   "5086428"   "5317566"   "5452294"   "5488608"   "5495479"   "5596719"   "5600638"   "5649108"   "5699358").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/03 16:35
L13	59	("5596719").URPN.	USPAT	OR	OFF	2008/04/03 16:36
L14	5	("4987536"   "5455865"   "5596719"   "5699347"   "5793765").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/03 16:42
L15	51	("4987536").URPN.	USPAT	OR	OFF	2008/04/03 16:49
L16	172	("5412654").URPN.	USPAT	OR	OFF	2008/04/03 16:52

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L17	246	("4825206"   "5093824"   "5117422"   "5412654"   "5442633"   "5444707"   "5533025"   "5570084"   "5579373"   "5592468"   "5654959"   "5812531").PN. OR ("5987011").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/03 16:56
L18	317	16 17	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/03 16:57
L19	22	18 and hop\$4 with sequence	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/03 16:57
L20	2783	routing near (cycle tim\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/03 17:00
L21	9	18 and 20	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/03 17:00
L22	6	routing near cycle	EPO; DERWENT	OR	OFF	2008/04/03 17:02

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	29	("5212806"   "5471469"   "5515509"   "5563881"   "5636220"   "5654959"   "5684800"   "5740366"   "5812531"   "5901362"   "5987062"   "6044062"   "6097703"   "6104712"   "6134231"   "6173191"   "6342844"   "6418299"   "6421731"   "6456599"   "6564074").PN. OR ("6704301").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/03 10:39
L3	51	("5210787"   "5272638"   "5412654"   "5434994"   "5572528"   "5592533"   "5603031"   "5636217"   "5673031"   "5726984"   "5740366"   "5757787"   "5793976"   "5822309"   "5841769"   "5890054"   "5903840"   "5940771"   "5943334").PN. OR ("6421731").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/03 10:41
L4	7	("5675741"   "5734811"   "5926463"   "6003090"   "6219753"   "6421731").PN. OR ("6611499").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/03 10:43
L5	177	("4947452"   "4987536"   "5088032"   "5159592"   "5175867").PN. OR ("5412654").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/03 10:47
L6	25	("4718002"   "4827411"   "5093824"   "5117422"   "5243592"   "5412654"   "5850592"   "5878095"   "5881246"   "5913921"   "6069895"   "6088622"   "6092096"   "6275492"   "6310883"   "6349091"   "6385174"   "6470329"   "6473421"   "6496510"   "6542469"   "6553240"   "6594268"   "6745224").PN. OR ("6977937").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/03 10:53
L7	246	("4825206"   "5093824"   "5117422"   "5412654"   "5442633"   "5444707"   "5533025"   "5570084"   "5579373"   "5592468"   "5654959"   "5812531").PN. OR ("5987011").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/03 11:04

## EAST Search History

L8	131	(multi\$1hop ad\$1hoc mesh manet) and (beacon packet message table list (link adj state)) same (server computer parent gateway) same (relay root leaf host router\$1 bridge\$1 branch\$2 client\$1 phone device) same (transmit\$4 send\$3 select\$3 broadcast\$3 multicast\$3 re\$1broadcast\$3) same (optimum optimal best most smallest least large\$2) with (path hop distance route) and (370/229,230.1,231,232, 233,234,235,237,238,238.1,254, 255,256,351-356,395.31,395.32, 401,408,409.ccis. or 709/238,239, 240,241,242,243,244,223.ccis.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 11:44
L9	49	("4466060"   "4987536"   "5115433"   "5231634"   "5233604"   "5487064"   "5509123"   "5515508"   "5548578"   "5557748"   "5572528"   "5596719"   "5600644"   "5608721"   "5633866"   "5638371"   "5652751"   "5682382"   "5706291"   "5721725"   "5721819"   "5737318"   "5805593"   "5845086"   "5854899"   "5881246"   "5896379"   "5918016"   "5926463"   "5933425"   "5964841"   "5999536"   "6006272"   "6026303"   "6108314"   "6246669"   "6301244").PN. OR ("6836463").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/03 12:42
L10	48	("4449248"   "4794649"   "4804954"   "4964121"   "4977611"   "4995099"   "5025486"   "5029183"   "5031231"   "5055659"   "5081402"   "5087099"   "5089813"   "5119502"   "5121408"   "5123029"   "5128938"   "5134347"   "5150361"   "5152006"   "5168498"   "5175870"   "5230084"   "5239466"   "5241542"   "5241691"   "5265270"   "5274666"   "5276680"   "5278831"   "5293639"   "5296849"   "5297144"   "5361397"   "5373506"   "5375254"   "5377192"   "5390206"   "5392023"   "5440560"   "5461627"   "5465081"   "5504746"   "5584048"   "5828695").PN. OR ("6826165").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/03 12:46

## EAST Search History

L11	77	(multi\$1hop ad\$1hoc mesh manet) and (beacon packet message table list ) same (server computer parent gateway) same (relay root leaf host router\$1 bridge\$1 branch\$2 client\$1 phone device) same (broadcast\$3 multicast\$3 re\$1broadcast\$3) same (optimum optimal best most smallest least large\$2) with (path hop distance route)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:51
L12	48	11 not (8 or 9 or 10)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:55
L13	27	((multi\$1hop ad\$1hoc mesh manet) and (beacon packet message table list ) and (server computer parent gateway) and (relay root leaf host router\$1 bridge\$1 branch\$2 client\$1 phone device) and (broadcast\$3 multicast\$3 re\$1broadcast\$3) and (optimum optimal best most smallest least large\$2) and (path hop distance route)).clm. and (370/229,230.1,231,232,233,234, 235,237,238,238.1,254,255,256, 351-356,395.31,395.32,401,408, 409.ccls. or 709/238,239,240,241, 242,243,244,223.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:58
L14	604	(multi\$1hop ad\$1hoc mesh manet (mobile adj IP)) and (beacon packet message table list (link adj state)) same (server computer parent gateway) same (relay root leaf host router\$1 bridge\$1 branch\$2 client\$1) same (transmit\$4 send\$3 select\$3 broadcast\$3 multicast\$3 re\$1broadcast\$3) same (path hop distance route) and (370/229,230.1, 231,232,233,234,235,237,238,238. 1,254,255,256,351-356,395.31,395. 32,401,408,409.ccls. or 709/238, 239,240,241,242,243,244,223.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 13:01

## EAST Search History

L15	34693	(multi\$1hop ad\$1hoc mesh manet (mobile adj IP)) and (beacon packet message table list (link adj state)) with ((sequence count) adj (number value)) same (server computer parent gateway) same (relay root leaf host router\$1 bridge\$1 branch\$2 client\$1) same (broadcast\$3 re\$1broadcast\$3) (370/229,230.1,231,232,233,234, 235,237,238,238.1,254,255,256, 351-356,395.31,395.32,401,408, 409.cccls. or 709/238,239,240,241, 242,243,244,223.cccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 13:15
L16	4	(multi\$1hop ad\$1hoc mesh manet (mobile adj IP)) and (beacon packet message table list (link adj state)) with ((sequence count) adj (number value)) same (server computer parent gateway) same (relay root leaf host router\$1 bridge\$1 branch\$2 client\$1) same (broadcast\$3 re\$1broadcast\$3) and (370/229,230.1,231,232,233,234, 235,237,238,238.1,254,255,256, 351-356,395.31,395.32,401,408, 409.cccls. or 709/238,239,240,241, 242,243,244,223.cccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 13:19
L17	101	(multi\$1hop ad\$1hoc mesh manet (mobile adj IP)) and (beacon packet message ) with ( ((channel link signal) near3 (strength quality noise ratio)) (battery near3 (status state)) traffic congestion latency capacity QOS "quality of service" "quality-of-service" "grade of service" "grade-of-service" hop\$1count (number near3 hop\$1)) same (server computer parent gateway) same (relay root leaf host router\$1 bridge\$1 branch\$2 client\$1) same (transmit\$4 re\$1transmit\$4 broadcast\$3 re\$1broadcast\$3) and (370/229, 230.1,231,232,233,234,235,237, 238,238.1,254,255,256,351-356, 395.31,395.32,401,408,409.cccls. or 709/238,239,240,241,242,243,244, 223.cccls. or 455/445,453.cccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 13:52

## EAST Search History

L18	36	("4736363"   "4740954"   "4809362"   "4866668"   "5018133"   "5088091"   "5105424"   "5109379"   "5117430"   "5125076").PN. OR ("5224100").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/03 13:58
L19	1	"20060233237".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/03 14:03
L20	1	"20060233137".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/03 14:04
L21	1	"7068624".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/03 14:06
L22	38	("20010025321"   "20020032800"   "5257283"   "5293640"   "5561839"   "5603085"   "5666356"   "5734967"   "5745480"   "5768260"   "5805585"   "5812531"   "5862485"   "5918016"   "5923650"   "5949760"   "5987326"   "5995805"   "6021309"   "6070084"   "6157668"   "6181738"   "6226283"   "6256300"   "6289005"   "6304562"   "6327254"   "6421731"   "6434134"   "6456599"   "6496505"   "6496694"   "6574473"   "6587457").PN. OR ("7068624").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/03 14:16
L23	1	"5224100".pn..	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/03 14:59
L24	0	(multi\$1hop ad\$1hoc mesh manet (mobile adj IP)) same (beacon packet message ) same (rout\$3 adj cycle) and (370/229,230.1,231,232, 233,234,235,237,238,238.1,254, 255,256,351-356,395.31,395.32, 401,408,409.cc1s. or 709/238,239, 240,241,242,243,244,223.cc1s. or 455/445,453.cc1s.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 15:41
L25	0	(multi\$1hop ad\$1hoc mesh manet (mobile adj IP)) same (beacon packet message ) same (rout\$3 adj cycle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 15:42

## EAST Search History

L26	31	(multi\$1hop ad\$1hoc mesh manet (mobile adj IP)) and (beacon packet message ) same (rout\$3 adj cycle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 15:43
L27	13	(multi\$1hop ad\$1hoc mesh manet (mobile adj IP)) and (beacon packet message ) and (rout\$3 adj cycle) and (sequence adj number)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 15:46
S1	1	"6704301".pn.	US-PGPUB; USPAT	OR	ON	2007/09/07 08:40
S2	25	("5212806"   "5471469"   "5515509"   "5563881"   "5636220"   "5654959"   "5684800"   "5740366"   "5812531"   "5901362"   "5987062"   "6044062"   "6097703"   "6104712"   "6134231"   "6173191"   "6342844"   "6418299"   "6421731"   "6456599"   "6564074").PN. OR ("6704301").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/07 08:40
S3	66	("4718002"   "5093824"   "5243592"   "5574860"   "5850592"   "5881246"   "5913921"   "5949760"   "6130881"   "6134442").PN. OR ("6456599").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/07 09:03
S4	797	(transmit\$4 broadcast\$3 send\$3) near3 (beacon message data information) same address\$2 near3 (hop node (access adj (point node unit))) and (455/445.ccls. or 370/329,351,355,356,392,395.3, 395.31.ccls. or 709/238,240,241, 242.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/07 09:12
S5	1486	(beacon message data information) with address\$2 near3 (hop node (access adj (point node unit))) and (455/445.ccls. or 370/329,351,355, 356,392,395.3,395.31.ccls. or 709/238,240,241,242.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/07 09:29
S6	838	(beacon message data information) with address\$2 near3 (hop node (access adj (point node unit))) and (455/445.ccls. or 370/351.ccls. or 709/238,240,241,242.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/07 09:14